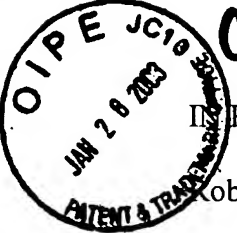


8036-1004

3662



*CR 10/1-10*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE THE APPLICATION OF

Robert Hughes Jones

SERIAL NO.: 10/079,219

FILED: February 19, 2002

FOR: Seismic Detection

)  
) Examiner: Ian J. Lobo  
)  
) Group Art Unit No. 3662  
)  
)  
)  
)  
)

*9/B*  
*1/4/03*  
**RECEIVED**  
JAN 30 2003  
**GROUP 3600**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to " Director of Patents and Trademarks, Washington, D.C. 20231, Box:A on January 21, 2003.  
Name of person signing Deborah E. Dudek

Signature

*Deborah E. Dudek*

**RESPONSE TO OFFICE ACTION**

Honorable Director of  
Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

Responsive to the Office Action of October 21, 2002, please amend the above-identified application as follows:

Amend claim 5 to read:

*sub  
C1*  
*Bl*

5. (amended) A method of using a seismic detector including four seismic sensors having axes which are in a substantially tetrahedral configuration, to detect and measure seismic activity, each of the sensors being in a respective signal channel, the method including the step of checking the gains (or sensitivities) of the four channels by taking a plurality of samples from the sensors, constructing a set of simultaneous equations from the samples, and solving the equations to determine the gains (or sensitivities) of the four channels.